owner's guide

MZ1000

MZ1100

MZ1200

PHILIPS

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- *Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.*
- *So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.*

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these safety *symbols*

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

MAC5097

PHILIPS

Congratulations on your purchase, and welcome to the "family!"

Dear Philips product owner:

Thank you for your confidence in Philips. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the Philips "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome – and thanks for investing in a Philips product.

Sincerely,

Lawrence J. Blanford

Lawrence J. Blanford
President and Chief Executive Officer

P.S. Remember, to get the most from your Philips product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

IMPORTANT SAFETY INSTRUCTIONS

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water.**
6. **Clean only with dry cloth.**
7. **Do not block any ventilation openings. Install in accordance with the manufacturer´s instructions.**
8. **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Do not defeat the safety purpose** of the polarized or grounding-type plug.

AC Polarized Plug

A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only use attachments/accessories** specified by the manufacturer.
12. **Use only with the cart,** stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.
14. **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Battery usage CAUTION** – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

- Install **all** batteries correctly, **+** and **-** as marked on the unit.
- Do not mix batteries (**old** and **new** or **carbon** and **alkaline**, etc.).
- Remove batteries when the unit is not used for a long time.

EL 6475-E004: 02/8

Class II equipment symbol

This symbol indicates that the unit has a double insulation system

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Español ---------- 50

English

Français

Español

Canada

English:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français:

Cet appareil numérique n'emet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Class B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

ATTENTION

L'utilisation des commandes ou réglages ou le non-respect des procédures ci-incluses peuvent se traduire par une exposition dangereuse à l'irradiation.

ATENCIÓN

El uso de mando o ajustes o la ejecucción de métodos que no sean los aquí descritos puede ocasionar peligro de exposición a radiación.

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This system complies with the FCC rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:

– This device may not cause harmful interference, and

– This device must accept any interference received, including interference that may cause undesired operation.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

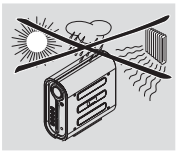
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Maintenance

To clean a CD, wipe it in a straight line from the centre toward the edge using a soft, lint-free cloth.
A cleaning agent may damage the disc! Write only on the printed side of a disc and only with a soft felt-tipped pen.

Clean the system with a soft, slightly dampened, lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.

Do not expose the system batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).

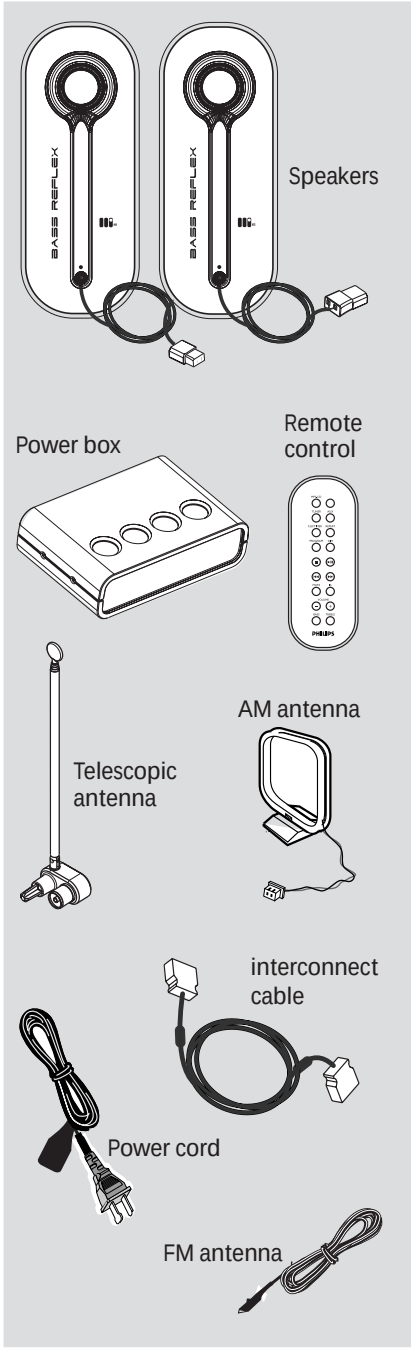


Safety information

- Place the system on a flat, hard and stable surface.
- Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- The lens may cloud over when the system is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the system in the warm environment until the moisture evaporates.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- When the system is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.
- To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it.

Connections

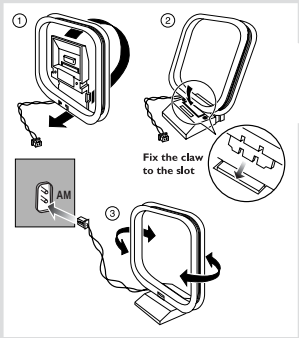
Supplied accessories

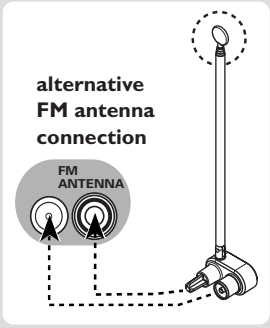


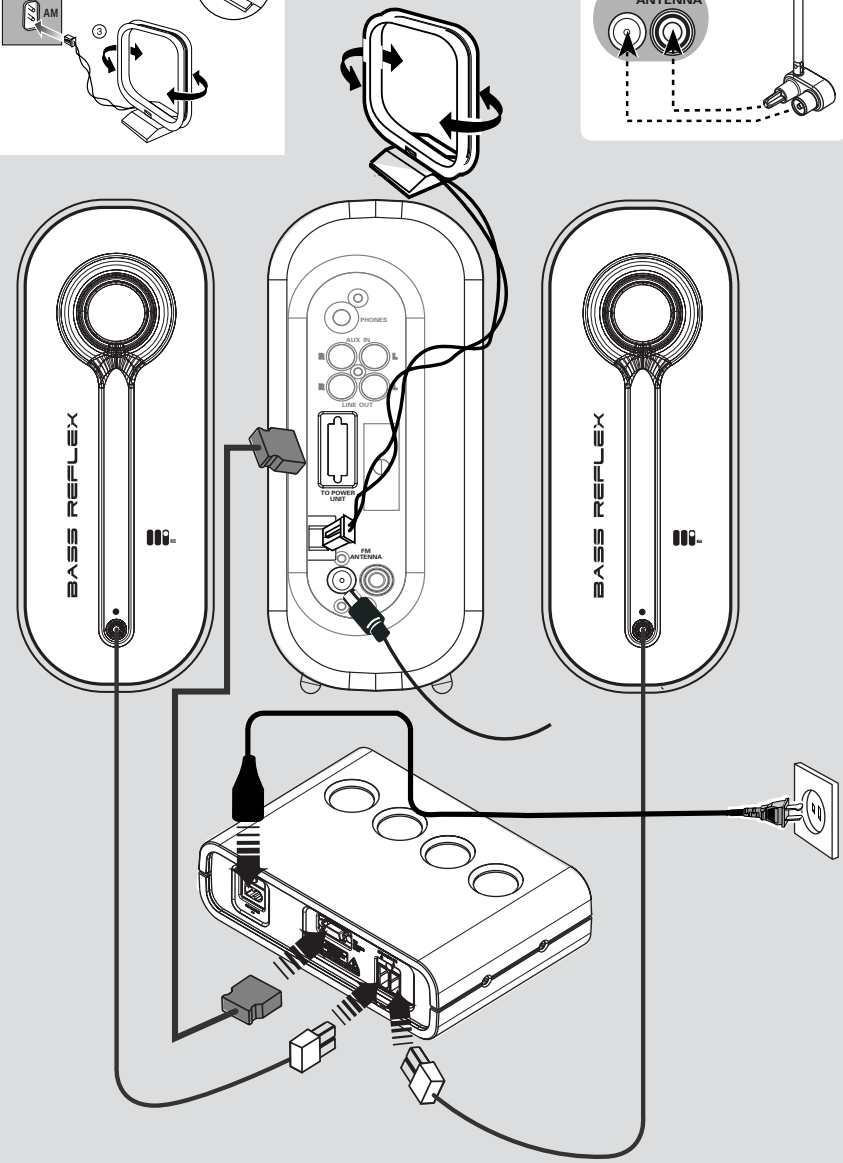
Rear connections

WARNING!
– Never make or change any connections with the power switched on.
– Connect the power cord from the "power box" to the power outlet only after you have finished hooking up everything.
– Refer to the type plate on the bottom of the "power box" for identification and supply ratings.

- Adjust the position of the antenna for optimal reception.
- Position the antenna as far as possible from a TV, VCR or other radiation source.
- For better FM stereo reception, connect external FM antenna.
- It is not possible to connect other than the supplied speakers.
- The optional equipments and connecting cords are not supplied.
- If you are connecting to equipment with only monaural output (a single audio out terminal), connect it to the AUX IN left terminal. Alternatively, you can use a "single to double" cinch cable, but the output sounds still remain monaural.
- Do not connect equipment to both the LINE OUT and AUX IN terminals at the same time. Otherwise, noise will be generated and malfunction might occur.


1
2
Fix the claw
to the slot
AM
3


alternative
FM antenna
connection
FM
ANTENNA


BASS REFLEX
PHONES
AUX IN
L
LINE OUT
TO POWER
UNIT
FM
ANTENNA
BASS REFLEX

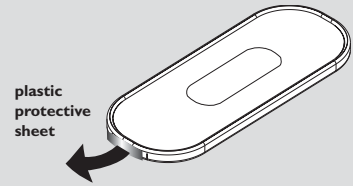
Preparations

Before using the remote control

1 Pull out the plastic protective sheet.

2 Select the source you wish to control by pressing one of the source select keys on the remote control (for example MP3-CD, TUNER).

3 Then select the desired function (for example ▶II, I◀◀, ▶▶I).



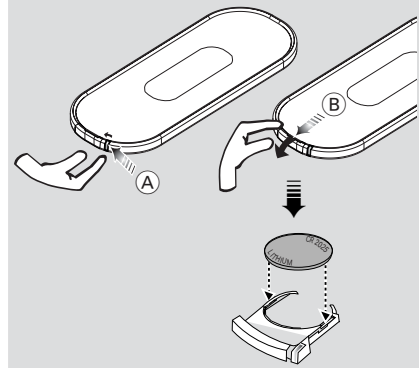
Replacing battery (lithium CR2025) into the remote control

1 Pull out the knob Ⓐ slightly to the left.

2 Pull out the battery compartment Ⓑ.

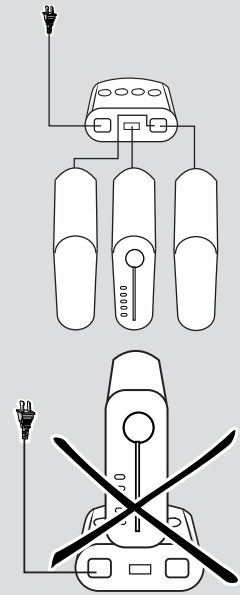
3 Replace a new battery and fully insert the battery compartment back to the original position.

CAUTION!
Batteries contain chemical substances, so they should be disposed off properly.



Placing the power box

- Place the power box as close as possible to the power supply.
- Do not place this unit in closed spaces, cover it or block the air vents.
- Do not insert or drop anything into this unit through the air vents as this could cause serious damage.



Eco Power standby

ECO POWER or ⏻
- press and hold to switch the system to low power standby mode.

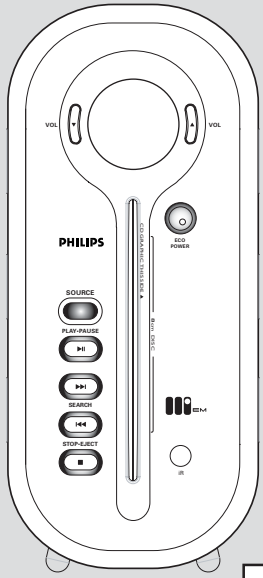
Plug and Play

▶❚❚ - in standby mode, press and hold to initiate Plug and Play mode.
- press briefly to start plug & play installation.

■ press to exit.

Standby mode

ECO POWER or ⏻
- press briefly to enter standby mode.



Volume

VOL ▲▼, VOLUME ＋/－
- press to increase/decease the volume.

MUTE
- press to silence or restore the volume.

Source selection

SOURCE press repeatedly to select : CD → TUNER-FM → AM → AUX → CDR → CD ...

MP3-CD / TUNER / AUX
- press to enter the selected source mode.
- in Tuner mode, press TUNER to toggle between FM and AM band.
- in AUX mode, press AUX to toggle between AUX and CDR mode.

Sound control

I.S. press to switch on/off the incredible surround sound effect.

BASS / TREBLE
- press to select low tone/high tone sound effect.
- press VOLUME ＋/－ on the remote control to change the tone level.

Dimming the display

DIM press to select half or full brightness for display screen.

CD

▶❚❚ press to start or interrupt playback.

|◀◀ ▶▶| - press briefly to select a desired track.
- press and hold to search backward/forward.

■ - in playback mode, press to stop the disc.
- in stop mode, press to eject the disc.

REPEAT press to select repeat the current track or repeat the whole disc or switch off the repeat mode.

Clock/Timer

CLK/TIMER
- press to view clock or enter clock setting mode.
- press and hold to enter timer setting mode.

PROGRAM
- in clock setting mode, press to change clock display mode : 24- or 12- hour.

|◀◀ ▶▶| press to set the minutes and hours.

Tuner

▶❚❚ press to toggle between frequency tuning and preset number selection mode.

|◀◀ ▶▶| - press to select a preset radio station.
- press to change the radio frequency.

PROGRAM
- press to start manual preset programming.
- press and hold to start automatic preset programming.

■ press to stop programming or to erase a selected preset.

MP3-CD

▶❚❚ - press to start or interrupt playback.
- press to enter track selection mode.

|◀◀ ▶▶| press to select a desired album/ track.

■ - in playback mode, press to stop the disc.
- in stop mode, press to eject the disc.
- press to enter album selection mode.

REPEAT press to select repeat the current track or repeat the whole disc or switch off the repeat mode.

Radio Reception

Plug and Play

Plug and Play allows you to store all available radio stations automatically, starting from FM and followed by AM band.

When all the available radio stations are stored or the memory for 40 presets are used, the last preset radio station will be played.

First time setup/power up

plug in the power cord

Reinstalling Plug and Play

➜ All previously stored radio stations will be replaced.

In standby mode,

press and hold

Notes:

– If no stereo frequency is detected during Plug and Play, "CHECK ANTENNA" will be displayed.

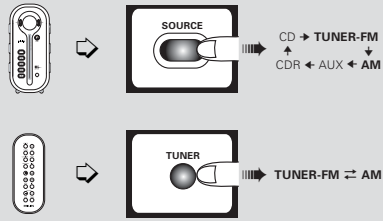
– During Plug and Play, if no button is pressed within 15 seconds, the system will exit Plug and Play mode.

To exit without storing the Plug and Play

- Press ■ on the system.
  ➜ If you do not complete the Plug and Play installation, the function will be restarted when you next turn on the main supply again.

Switching on to tuner mode

- Press **SOURCE** or **TUNER** repeatedly to select FM or AM band.



Presetting radio stations

You can preset up to 40 radio stations in the memory.

IMPORTANT!
When "P" appears on the display, it only enables preset number selection.
Press ▶II to toggle between frequency tuning and preset number selection.

Automatic preset programming

It enables you to program all available radio stations automatically from a selected preset number, starting from FM and followed by AM band.

If no preset number is shown, automatic preset will begin from preset (1) and all your former presets will be overridden.

Note:
– If a radio station has been stored in one of the presets, it will not be stored again under another preset number.

In tuner mode,

make sure "P" appears, if not press ▶II.

select a preset number

press and hold until "AUTO" appears

To exit programming mode

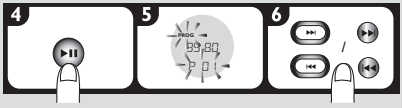
- Press **PROGRAM** or ■.

Manual preset programming

It enables you to programme only the favorite radio stations.

In tuner mode,

tune to a radio station



select a preset number

store setting and exit programming mode

- Hold down |◀◀ ▶▶| for fast tuning, release it when the frequency indication starts to change. For tuning to a weak reception radio station, press |◀◀ ▶▶| briefly and repeatedly.
- Repeat the steps again to store other radio stations.

Notes:
– If you attempt to program more than 40 preset radio stations, "PROGRAM FULL" is displayed.
– During programming, if no key is pressed within 20 seconds, the system will exit the program mode automatically.

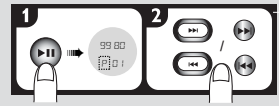
To exit without storing the preset setting

- Press ■.

Radio Reception

Listening to the preset radio stations

In tuner mode,

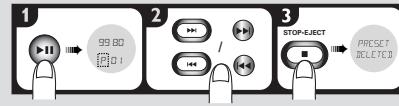


make sure "P" appears, if not press ▶❚❚.

select a preset number

Deleting a preset radio station

In tuner mode,



make sure "P" appears, if not press ▶❚❚.

select a preset number

press and hold until "PRESET DELETED" appears

When the preset radio station is deleted

➜ The deleted radio frequency remains on the display until you select another preset number.

➜ The preset numbers of all other preset radio stations in the band with higher numbers are also decreased by one.

Note:

– If you press the STOP•EJECT (■) button for less than three seconds, it will eject the disc (if available) from the disc loader.

Discs for playback

This system is able to play :

– All pre-recorded audio CDs (8cm/12cm)
– All finalized audio CDR and audio CDRW discs
– MP3-CDs (CD-ROMs with MP3 tracks)
maximum albums = 99
maximum titles = 999 (depending on filename length)
ISO9660/Joliet or UDF1.5 format
Bitrates = 32-256 kpbs, variable bitrates
ID3 tags = V1.1, V2.2, V2.3, V2.4

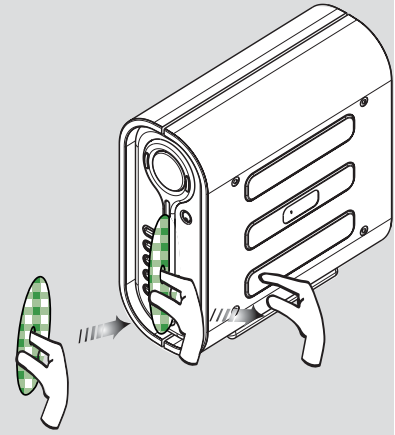
Loading/Unloading the disc

WARNING!
– Do not load more than one disc into the disc loader.
– When loading an 8cm disc, slot into the middle of the disc loader.

Inserting the disc

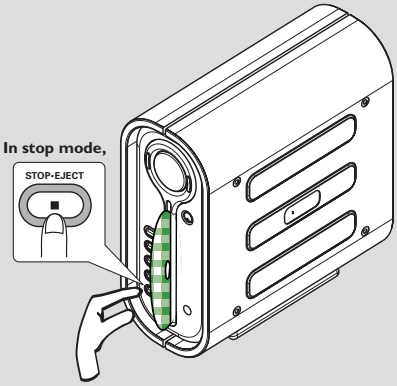
Slot the disc slightly into the disc loader and withdraw your fingers immediately.
➜ "READ" is displayed, followed by total number of tracks and the playing time.

Notes:
– Load the disc with the label side facing right.
– Loading the disc in any source mode will switch from the current mode to disc mode.
– For MP3 disc, the disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.



Ejecting the disc

➜ All the programmed tracks will be erased.



CD/MP3-CD Operations

Playing a CD/MP3-CD

You can also access the functions via the same buttons on the remote control.

Switching on to disc mode

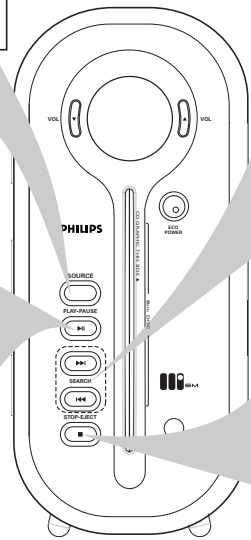
- Press **SOURCE** (or **MP3-CD** on the remote control) to select CD mode.

Start / Interrupt / Resume playback

- In stop mode, press to start playback.
- During playback, press to pause.
- In pause mode, press to resume playback.

  ➜ During playback, the track number and elapsed playing time of the current track are displayed.

  ➜ For mixed mode MP3 discs, only one mode will be selected for playback depending on the recording format.



Searching backward/ forward

- **During playback,** hold down the button until it reaches the desired passage.

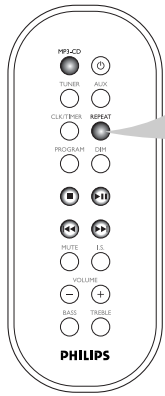
  ➜ For MP3 disc, it is only possible to search within the current track.

Selecting a desired track

- Press the button briefly and repeatedly to go to the beginning of the current / next/ previous track.
- **In stop/program mode,** hold down the button to increase the speed of track selection.

Stop playback/Eject the disc

- During playback, press to stop playback.
- In stop mode, press to eject the disc.



Repeat play

- Press **REPEAT** repeatedly to select :

  ➜ Repeat the current track – **RPT** lights up.

  ➜ Repeat all tracks – **RPT ALL** lights up.

To stop repeat play

- Press **REPEAT** repeatedly until **RPT ALL** disappears from the display.

Notes:

– If program mode is active, it will repeat the programmed tracks.

– When the disc is being ejected from the disc slot, it will cancel the repeat mode.

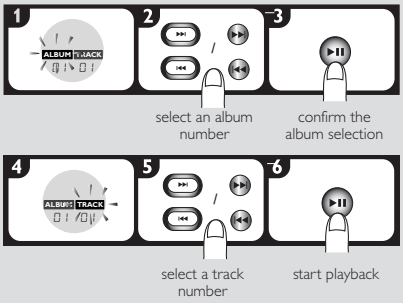
Selecting a desired MP3 Album/ Track

If you want to change the album after confirming the selection

1 Press ■ while **TRACK** icon is flashing.

2 Press ⏮ ⏭ to select the desired album and repeat **steps 3-6**.

After inserting the MP3 disc,



Programming the disc tracks

Programming tracks is possible when playback is stopped. Up to 99 tracks can be stored in the memory in any order.

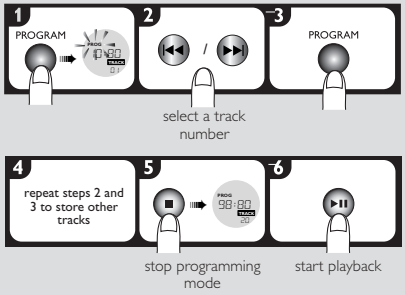
If you attempt to program more than 99 tracks, "PROGRAM FULL" will appear on the display. In this case :

➜ The system will exit programming mode automatically.

➜ Pressing ■ button will erase all the programmed tracks.

➜ Pressing ▶II button will start the playback of the programmed tracks.

In stop mode,



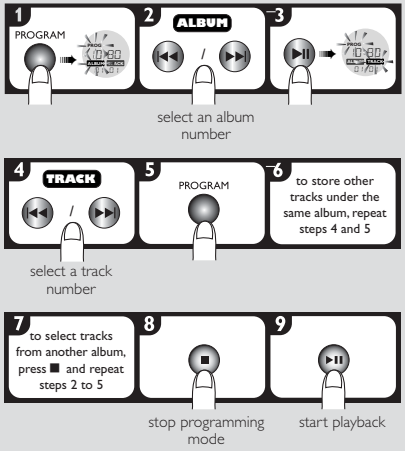
MP3-CD programming

Notes:

– During programming, if no button is pressed within 20 seconds, the system will exit the program mode automatically.

– The program will be erased when the system exits from CD source.

In stop mode,



To erase all the programmed tracks

- In stop mode, press ■.

  Once the programmed tracks have been erased, pressing ■ will eject the disc.

Clock/Timer

IMPORTANT!
When in Eco Power standby mode, it is not possible to view or set the clock/timer.

Notes:
– The clock/timer setting will be cancelled when the power cord is disconnected or if a power failure occurs.
– During clock/timer setting, if no button is pressed within 90 seconds, the system will exit the setting mode automatically.

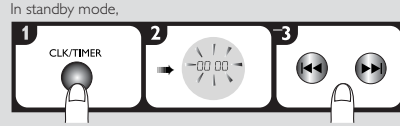
About Clock

The clock can be set in either 12-hour or 24-hour mode ("11:59 **PM**" or "23:59", for example).

Setting the clock

If you press and hold ⏮ ⏭ for more than two seconds, it will change the minutes in faster speed. The changes in minutes will rollover to the hours, refer to the example shown below.

In standby mode,



set minutes and hours

select clock mode

To check the time in other source mode
- Press **CLK/TIMER once**.

To exit without storing the setting
- Press ■.

About Timer

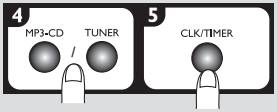
The system can switch to CD or TUNER mode automatically at a preset time, serving as an alarm to wake you up.

Setting the timer

– Before setting the timer, ensure that the clock is set correctly.
– The timer will always be switched on after it has been set.
– The volume of the timer will increase gradually from the minimum level to the last tuned volume level.
– If the CD source is selected, but the disc loader is empty, it will switch to Tuner mode.
– If the Tuner source is selected, the timer will wake you up by playing the last tuned radio station.

press and hold

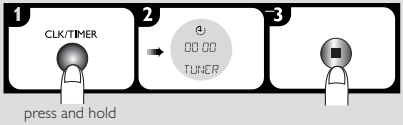
set minutes and hours



select the wake up source

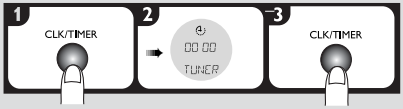
press to confirm and back to the last active mode

Cancel/Disable the timer



press and hold

Activating the timer to the last setting



press and hold

Other Features

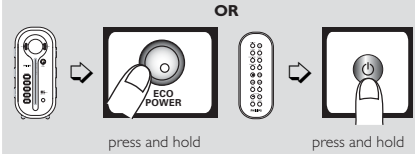
Switching on

Switching to Eco Power standby mode

To save the power consumption, it is advisable to switch the system to Eco Power standby mode or disconnect the system from the power supply completely when not in use.

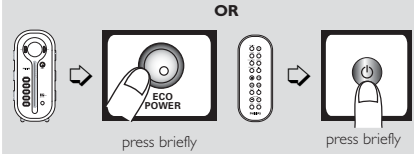
➜ LED will display a red light.

➜ The display screen will go blank.

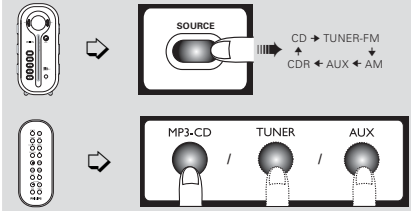


Switching to standby mode

➜ LED will display a green light.



Switching to active mode

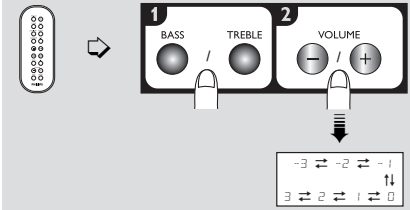


Sound control

Adjusting the Bass/Treble level

The BASS (low tone) and TREBLE (high tone) feature enables you to define the sound-processor settings.

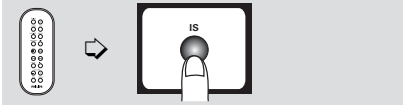
To adjust the Bass or Treble tone level, press the volume buttons on the remote control immediately after you have selected the Bass or Treble sound feature. If the volume button is not used within five seconds, it will resume its normal volume control function.



Activating/deactivating Incredible Surround effect

The Incredible Surround magnifies the virtual distance between the front speakers for an incredibly wide, enveloping, stereo effect.

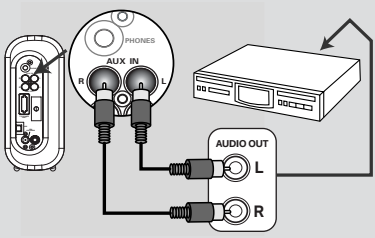
➜ If the Incredible Surround is activated, **IS** is shown on the display.



Connecting external devices

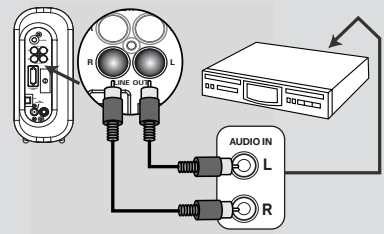
Connecting an external device for listening to music/sound

Connect the "AUDIO OUT" terminals of the external device (TV, VCR, Laser Disc player, DVD player, for example) to the **AUX IN** terminals of your system.



Connecting an external device for analogue recording

Connect the "AUDIO IN" terminals of the external device (CD/tape recorder, for example) to the **LINE OUT** terminals of your system.



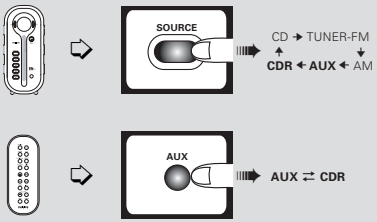
Listening to an external source

1 Press **SOURCE** or **AUX** repeatedly.
➜ Select "AUX" when connecting to a TV, VCR or Laser Disc player.
➜ Select "CDR" when connecting to a CD recorder or DVD player.

2 Play the external device.

- When CDR mode is selected, any audio equipment connected to the LINE OUT terminals will be muted. You will not be able to record or listen to the sound on equipment connected to the LINE OUT terminals.

Notes:
– You are advised not to listen to and record from the same source simultaneously.
– All the sound control features (IS., BASS/TREBLE, for example) are available for selection.
– Refer to the operating instructions of the connected equipment for details.



Specifications

English

AMPLIFIER

Output power ..... 2 x 25 W RMS(1)
..... 2 x 20 W FTC(1)
Signal-to-noise ratio ..... ≥ 67 dBA (IEC)
Frequency response ..... 50 – 16000 Hz, ± 3 dB
Input sensitivity
AUX / CDR In ..... 500 mV / 1V
Output
Speakers ..... ≥ 8 Ω
Headphones ..... 32 Ω – 1000 Ω
Line Out ..... 500 mV ±2dB, > 22000 Ω
(1) (8 Ω, 60 Hz – 12.5 kHz, 10% THD)

CD/MP3-CD PLAYER

Number of programmable tracks 99
Frequency range ..... 20 – 20000 Hz
Signal-to-noise ratio ..... ≥ 80 dBA
Channel separation ..... ≥ 60 dB (1 kHz)
Total harmonic distortion ..... < 0.003%
MPEG 1 Layer 3 (MP3-CD) ..... MPEG AUDIO
MP3-CD bit rate ..... 32-256 kbps
(128 kbps advised)
Sampling frequencies ..... 32, 44.1, 48 kHz

TUNER

FM wave range ..... 87.5 – 108 MHz
AM wave range ..... 530 – 1700 kHz
Number of presets 40
Antenna
FM ..... 75 Ω wire /telescopic antenna
AM ..... Loop antenna

POWER UNIT

Material ..... Polystyrene
AC Power ..... 120 V / 60 Hz
Power Consumption
Active ..... 33 W
Standby ..... < 10 W
Eco Power Standby ..... ≤ 1 W
Dimensions (w x h x d) .... 238 x 68 x 158 (mm)
Weight (without speakers) ..... 1.2 kg

SPEAKERS

System ..... Bass reflex
Impedance ..... 8 Ω
Woofer ..... 2 x 3" polypropylene
Tweeter ..... 1 x 18mm Ferrofluid cooled Dome
Dimensions (w x h x d) . 112 x 245 x 235 (mm)
Weight ..... 2.9 kg each

GENERAL INFORMATION

Material
MZ1000 ..... Polymethyl methacrylate
MZ1100 ..... Rubber/Lucite
MZ1200 ..... Aluminum alloy
Dimensions (w x h x d) . 112 x 245 x 235 (mm)
Main unit ..... 2.85 kg

Specifications and external appearance are subject to change without notice.

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to solve a problem by following these hints, consult your dealer or service center.

Problem	Solution
The disc is ejected automatically.	✔ Load in the disc with label facing right. ✔ Replace or clean the disc, see "Maintenance". ✔ Use a finalized CD-RW or a correct MP3-CD format disc.
Radio reception is poor.	✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✔ Increase the distance between the system and your TV or VCR.
The system does not react when buttons are pressed.	✔ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	✔ Adjust the volume. ✔ Disconnect the headphones. ✔ Check that the speakers are connected correctly. ✔ Make sure the MP3-CD was recorded within 32-256 kbps bit rate with sampling frequencies at 48 kHz, 44.1 kHz or 32 kHz.
The left and right sound outputs are reversed.	✔ Check the speaker connections and location.
The remote control does not function properly.	✔ Select the source (MP3-CD or TUNER, for example) before pressing the function button (▶II, I◀◀, ▶▶I). ✔ Reduce the distance between the remote control and the system. ✔ Replace the battery. ✔ Point the remote control directly toward the IR sensor.
The timer is not working.	✔ Set the clock correctly. ✔ Press and hold CLK/TIMER to switch on the timer.

LIMITED WARRANTY

AUDIO SYSTEM

One Year Free Labor
One Year Free Service on Parts
This product must be carried in for repair.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, all parts will be repaired or replaced, and labor is free. After one year from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.
All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product that is used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips. In countries where Philips does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual for assistance. If you have additional questions, call us at 1-800-531-0039.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Take the product to a Philips factory service center (see enclosed list) or authorized service center for repair. When the product has been repaired, you must pick up the unit at the center. Centers may keep defective parts. (In U.S.A., Puerto Rico, and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)
1-800-531-0039 (English or Spanish Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips, P.O. Box 520890, Miami, FL 33152, USA, (402) 536-4171